

Contemporary Data Processing Technology (CCOD)

Lab 5 (October6, 2016)

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Table of values:

speed	distance	break
0	0	3
0	100	3
0	200	3
0	300	3
0	400	3
0	500	1,6666667
0	600	0,875
0	700	0,875
0	800	0,875
0	900	0,875
0	1000	0,875
2,5	0	3
2,5	100	3
2,5	200	3
2,5	300	2,423077
2,5	400	2,634146
2,5	500	1,6666667
2,5	600	0,875
2,5	700	0,875
2,5	800	0,875
2,5	900	0,875
2,5	1000	0,875
5	0	3
5	100	3
5	200	3
5	300	1,6666667
5	400	1,214286
5	500	1,35
5	600	0,875
5	700	0,875
5	800	0,875
5	900	0,875
5	1000	0,875

7,5	0	4,125	15	0	7,125
7,5	100	4,125	15	100	7,125
7,5	200	3,40625	15	200	7,125
7,5	300	2,107143	15	300	7,421053
7,5	400	1,711538	15	400	6
7,5	500	2,056604	15	500	5,375
7,5	600	1,423077	15	600	4,5
7,5	700	1,522727	15	700	4,5
7,5	800	0,875	15	800	4,5
7,5	900	0,875	15	900	4,5
7,5	1000	0,875	15	1000	4,5
10	0	6	17,5	0	8,493827
10	100	6	17,5	100	8,493827
10	200	4,5	17,5	200	8,493827
10	300	4,5	17,5	300	7,866667
10	400	4,5	17,5	400	6
10	500	3,625	17,5	500	5,375
10	600	3	17,5	600	4,5
10	700	1,6666667	17,5	700	4,5
10	800	0,875	17,5	800	4,5
10	900	0,875	17,5	900	4,5
10	1000	0,875	17,5	1000	4,5
12,5	0	6	20	0	8,636364
12,5	100	6	20	100	8,636364
12,5	200	5,59375	20	200	8,636364
12,5	300	5,5	20	300	7,866667
12,5	400	5,59375	20	400	6
12,5	500	4,659091	20	500	5,375
12,5	600	3,84375	20	600	4,5
12,5	700	2,44898	20	700	4,5
12,5	800	2,522727	20	800	4,5
12,5	900	2,522727	20	900	4,5
12,5	1000	2,522727	20	1000	4,5

Table of rules:

if speed	and distance	then breake
very slow	very short	weak
very slow	short	weak
very slow	medium	weak
very slow	long	very weak
very slow	very long	vey weak
slow	very short	weak
slow	short	weak
slow	medium	very weak
slow	long	very weak
slow	very long	very weak
medium	very short	strong
medium	short	medium
medium	medium	medium
medium	long	weak
medium	very long	very weak
height	very short	strong
height	short	strong
height	medium	strong
height	long	medium
height	very long	medium
very height	very short	very strong
very height	short	very strong
very height	medium	strong
very height	long	medium
very height	very long	medium

Graphic:

